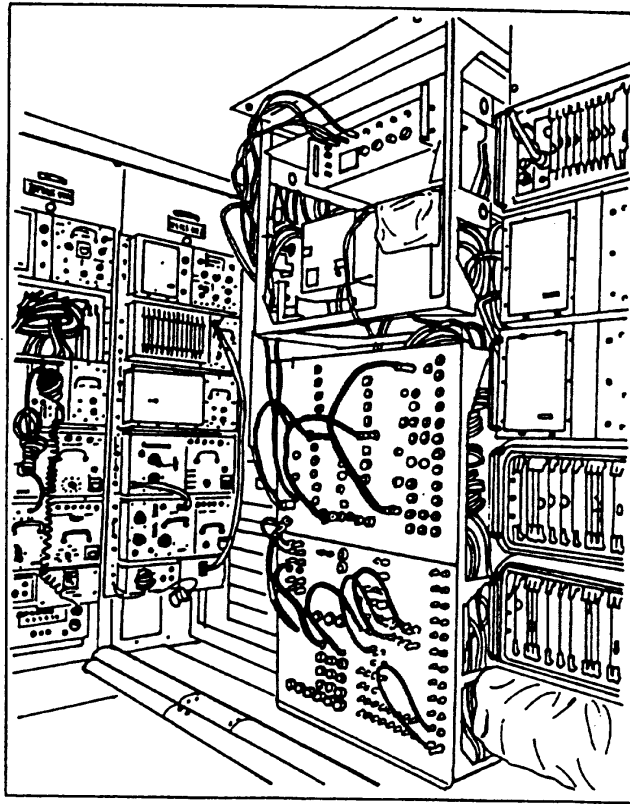


AN/TRC-173



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Radio Terminal Set
SSN:	B42401
LIN:	R39452
NSN:	5820-01-161-9422
AMIM NO:	S176-A
EIC:	HDK
FUEL TYPE:	-----

SYSTEM DESCRIPTION
The AN/TRC-173 Radio Terminal Set is a radio/cable terminal assemblage capable of terminating up to two 18 or one 36 digital channel systems. It is employed at echelons above corps as extension terminals at major nodes. It is capable of sending/receiving and Line-Of-Sight (LOS) operations.

The list below identifies components associated with this weapon/materiel system.

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LIN	NSN	NOMENCLATURE
A23955	4120-00-411-5444	AIR CONDITIONER, FL/WALL A/C
B38070	5820-00-893-1323	BASE SHOCK MOUNT ELECTRICAL, MT-102
K94880	5830-00-752-5357	INTERCOMMUNICATION STAT
M43691	5820-01-145-2458	MULTIPLEXER-COMBINER
P38588	6130-00-985-7899	POWER SUPPLY PP-2953/U
Q53001	5820-00-223-7433	RADIO SET, AN/VRC-46

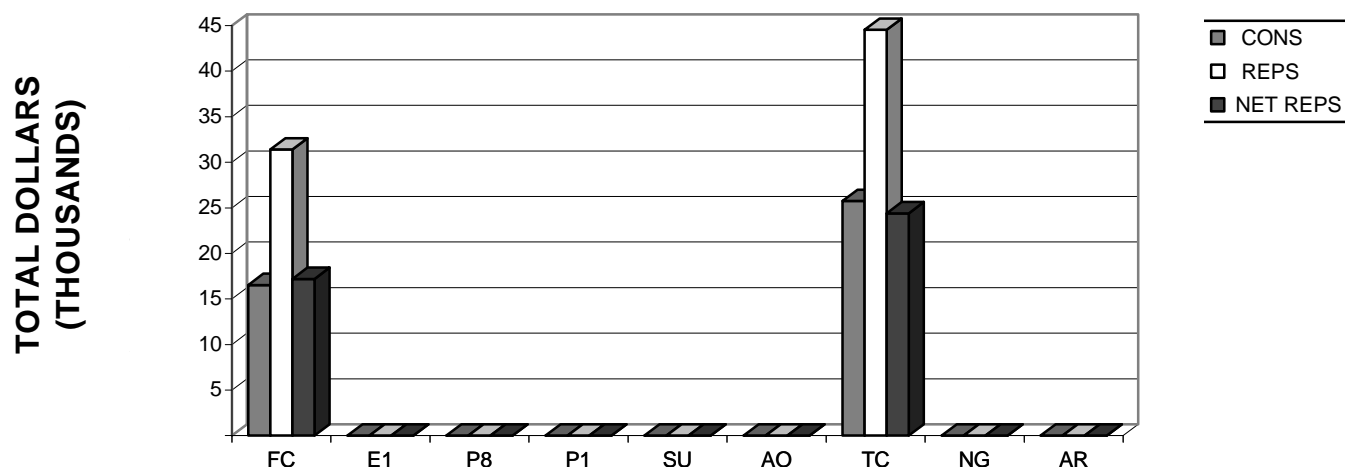
This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center">AN/TRC-173 FY 94 TOTAL ARMY COST SUMMARY (FY 94 Constant Dollars)</p>
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<div>DENSITY</div> <div>NUMBER OF SYSTEMS23</div>		<div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/END ITEM\$0.00</div>																
<div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>		<div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>TOTAL\$3,117</div> <div>QUANTITY COMPLETED5</div> <div>AVG COST/SECONDARY ITEM\$623.40</div>																
<div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>		<div>INTERMEDIATE MAINTENANCE</div> <table><thead><tr><th></th><th>DS/GS</th><th>CIVILIAN</th></tr></thead><tbody><tr><td>MIL/CIV LABOR COST</td><td>\$17</td><td>\$0</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$0.74</td><td>\$0.00</td></tr><tr><td>MAINTENANCE MANHOURS</td><td>1</td><td>0</td></tr><tr><td>MMHs/SYSTEM</td><td>0.04</td><td>0.00</td></tr></tbody></table>			DS/GS	CIVILIAN	MIL/CIV LABOR COST	\$17	\$0	AVG COST/SYSTEM	\$0.74	\$0.00	MAINTENANCE MANHOURS	1	0	MMHs/SYSTEM	0.04	0.00
	DS/GS	CIVILIAN																
MIL/CIV LABOR COST	\$17	\$0																
AVG COST/SYSTEM	\$0.74	\$0.00																
MAINTENANCE MANHOURS	1	0																
MMHs/SYSTEM	0.04	0.00																
<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><thead><tr><th></th><th>FY 94 DOLLARS</th><th>AVG COST PER SYSTEM</th></tr></thead><tbody><tr><td>CONSUMABLES</td><td>\$42,288</td><td>\$1,838.61</td></tr><tr><td>NET REPARABLES</td><td>\$41,613</td><td>\$1,809.26</td></tr><tr><td>NET TOTAL COSTS</td><td>\$83,901</td><td>\$3,647.87</td></tr></tbody></table>					FY 94 DOLLARS	AVG COST PER SYSTEM	CONSUMABLES	\$42,288	\$1,838.61	NET REPARABLES	\$41,613	\$1,809.26	NET TOTAL COSTS	\$83,901	\$3,647.87			
	FY 94 DOLLARS	AVG COST PER SYSTEM																
CONSUMABLES	\$42,288	\$1,838.61																
NET REPARABLES	\$41,613	\$1,809.26																
NET TOTAL COSTS	\$83,901	\$3,647.87																

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparable (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

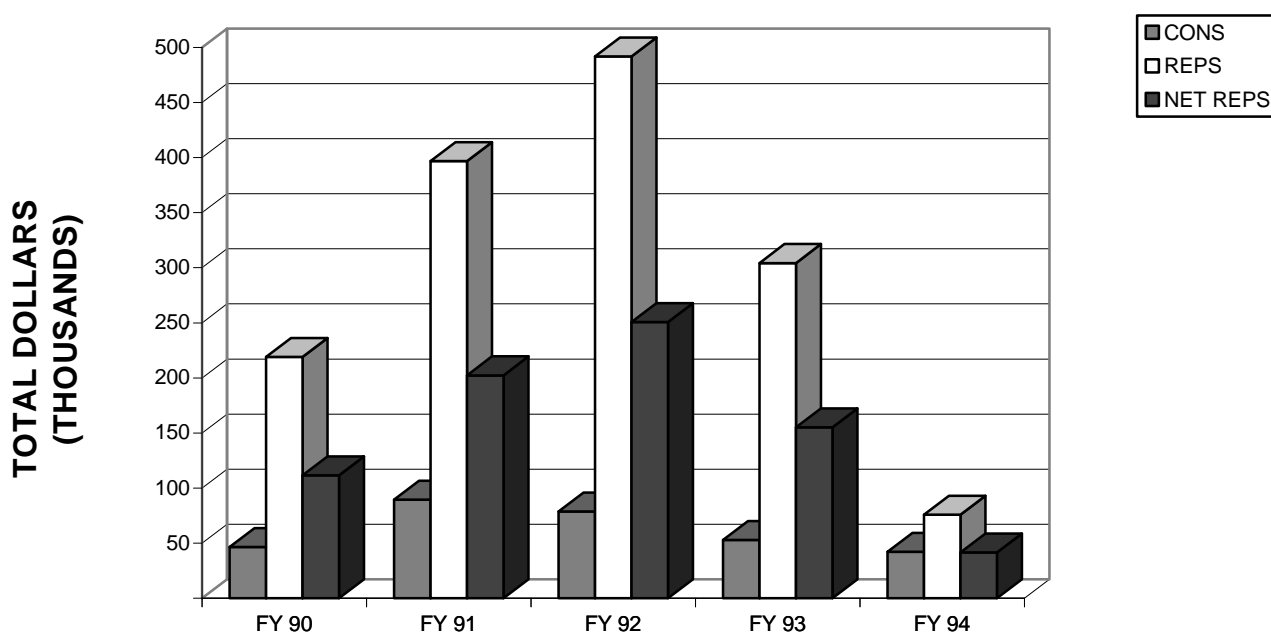
AN/TRC-173



AN/TRC-173 FY 94 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
CODE	NAME						
FC	FORSCOM	16,533	31,406	17,208	33,741	12	2,812
E1	USAREUR	0	0	0	0	0	0
P8	EUSA	0	0	0	0	0	0
P1	USARPAC	0	0	0	0	0	0
SU	USARSO	0	0	0	0	0	0
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	25,755	44,535	24,405	50,160	11	4,560
NG	ARNG	0	0	0	0	0	0
AR	USAR	0	0	0	0	0	0
TA	TOTAL ARMY	42,288	75,941	41,613	83,901	23	3,648

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

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AN/TRC-173 FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90	46,687	219,049	111,716	158,403	94	1,685
FY 91	89,451	396,809	202,372	291,823	95	3,072
FY 92	78,734	491,651	250,743	329,477	36	9,152
FY 93	53,066	304,310	155,198	208,264	31	6,718
FY 94	42,288	75,941	41,613	83,901	23	3,648

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/TRC-173 FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	35,900	75,938	41,611	77,511	23	3,370
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	3,313	3	2	3,315	23	144
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	3,075	0	0	3,075	23	134
	TOTAL	42,288	75,941	41,613	83,901	23	3,648

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-173						
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS						
WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0
03	COMMUNICATIONS	148,078	278,902	319,088	174,471	77,511
04	PERIPHERALS	0	9	28	0	0
05	ENVIRON SUPPORT	9,641	5,555	4,795	3,923	3,315
06	APPLICATIONS	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0
09	OTHER	684	7,357	5,566	29,870	3,075
	TOTAL	158,403	291,823	329,477	208,264	83,901
	NUM OF SYSTEMS	94	95	36	31	23
	AVG PER SYSTEM	1,685	3,072	9,152	6,718	3,648

AN/TRC-173
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	5995001440228	CABLE ASSEMBLY,RADI	03J	H		Q2200	1,031.00	7.91
2.	5960008923808	ELECTRON TUBE	03E	Z		Q22RB	80.48	42.03
3.	5985010853571	BASE,ANTENNA SUPPOR	03C	F		Q21RF	737.93	4.29
4.	5985008923862	MAST	03C	F		G21RF	3,896.00	0.72
5.	6105001927598	MOTOR,ALTERNATING C	05A	Z		J2200	1,488.56	1.76
6.	5995001440282	CABLE ASSEMBLY,SPEC	03J	Z		Q2200	475.03	5.39
7.	5985010853747	REFLECTOR,ANTENNA	03C	Z		Q22RF	526.71	3.99
8.	5820010928097	AMPLIFIER,DIRECT CU	03E	Z		G22RT	61.82	23.47
9.	5895010815398	CASE,ELECTRONIC COM	03A	H	D	G21RF	1,718.00	0.80
10.	6625001795217	CONVERTER,WAVE FORM	09	Z		G22RF	326.00	3.87
11.	5340010539892	COVER,ACCESS	09	Z		T2200	26.06	43.47
12.	5995010433872	CABLE ASSEMBLY,SPECI	03J	Z		G22TV	71.59	14.55
13.	5995012494101	CABLE AND CONDUIT A	03E	F		G24R4	424.00	2.13
14.	5985009859024	ANTENNA	03C	O		G21RT	254.00	2.65
15.	5805008791912	CONVERTER,TELEGRAPH	03A	H		G21RF	255.00	2.29
16.	5995008776290	CABLE ASSEMBLY,SPEC	03J	Z		Q2200	83.70	5.46
17.	5999008325594	CONTACT ASSEMBLY,EL	03E	Z		G22RB	46.64	9.64
18.	5820010927956	CIRCUIT CARD ASSEMB	03E	H		G21RB	162.00	2.46
19.	5915000425559	FILTER,RADIO FREQUE	03E	Z		Q22RF	72.66	4.29
20.	5998011604441	ELECTRONIC COMPONENT	03J	F		Q2200	177.00	1.63
21.	5995010444684	CABLE ASSY SPEC	03J	Z		G22TV	89.33	2.50
22.	5935012749945	LOOPING PLUG M-COAX	03J	Z		Q2200	20.85	10.29
23.	5965000433463	HANDSET H-250/U	03A	Z		G227B	35.53	5.89
24.	4130008792280	FILTER ELEMENT,AIR	05B	Z		J2200	12.48	16.05
25.	5915011878017	FILTER,RADIO FREQUE	03E	Z		Q2200	896.63	0.21
26.	5995004045981	CABLE ASSEMBLY,SPEC	03A	Z		Q22RF	304.44	0.58
27.	5995010444681	CABLE ASSEMBLY SPEC	03J	Z		G22TV	68.80	2.50
28.	5945004946567	RELAY,ELECTROMAGNET	03J	Z		Q2200	156.79	0.99
29.	5955008784608	OSCILLATOR,NONCRYST	03E	H		G21RT	254.00	0.53
30.	5935009267523	ADAPTER,CONNECTOR	03J	Z		Q2200	2.69	50.30
31.	5985000898990	DUMMY LOAD,ELECTRIC	03A	Z		G22RF	78.93	1.57
32.	5935001148768	CONNECTOR,PLUG,ELEC	03J	Z		Q21TB	126.02	0.95
33.	5995013721028	CABLE ASSEMBLY,RADI	03J	Z		Q2200	155.23	0.77
34.	5895004570571	RECEIVER-TRANSMITTE	03E	H		G21RT	318.00	0.37
35.	5955008535915	OSCILLATOR,CRYSTAL	03E	H	D	G21RT	185.00	0.63
36.	4130004697686	FILTER ELEMENT,AIR	05B	Z		J2200	9.19	12.22
37.	5950011362195	TRANSFORMER,POWER	03J	Z		Q2200	57.86	1.90
38.	5985008923200	SWITCH	03E	Z		Q22RB	52.81	2.04
39.	5935001345646	ADAPTER,CONNECTOR	03A	Z		Q22RF	28.91	3.63
40.	5820008586476	POWER SUPPLY	03E	Z		G22RB	63.34	1.62

NUMBER OF SYSTEMS	23
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/TRC-173
CONSUMABLES (NON-DLRs)

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
8,155	354.57	34.3913	4.00	4,124
3,383	147.09	182.7391	20.02	1,611
3,166	137.65	18.6522	1.17	863
2,805	121.96	3.1304	0.14	545
2,620	113.91	7.6522	0.66	982
2,560	111.30	23.4348	3.43	1,629
2,102	91.39	17.3478	1.41	743
1,451	63.09	102.0435	10.26	634
1,375	59.78	3.4783	1.83	3,144
1,262	54.87	16.8261	4.88	1,591
1,132	49.22	189.0000	21.87	570
1,042	45.30	63.2609	48.11	3,444
903	39.26	9.2609	1.05	445
673	29.26	11.5217	4.44	1,128
584	25.39	9.9565	1.32	337
457	19.87	23.7391	5.75	481
449	19.52	41.9130	2.37	111
398	17.30	10.6957	0.97	157
312	13.57	18.6522	8.54	621
288	12.52	7.0870	0.52	92
223	9.70	10.8696	13.43	1,200
215	9.35	44.7391	12.35	257
209	9.09	25.6087	10.46	372
201	8.74	69.7826	68.95	860
189	8.22	0.9130	0.93	834
177	7.70	2.5217	0.12	37
172	7.48	10.8696	2.51	173
155	6.74	4.3043	0.47	74
135	5.87	2.3043	0.27	69
135	5.87	218.6957	12.43	33
124	5.39	6.8261	2.59	204
120	5.22	4.1304	0.77	97
120	5.22	3.3478	0.15	23
118	5.13	1.6087	0.32	102
117	5.09	2.7391	0.56	104
112	4.87	53.1304	21.56	198
110	4.78	8.2609	0.75	43
108	4.70	8.8696	1.71	90
105	4.57	15.7826	1.52	44
103	4.48	7.0435	0.70	44

38,065	90.0%	TOP 40
4,223	10.0%	OTHERS
=====		
42,288		

AN/TRC-173
TOP 40 COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE		FY 94 QTY
							W/O CREDIT	W/CREDIT	
1.	5820010705555	TRANSMITTER,RADIO	03A	D	E	G21RF	7,507.00	4,113.84	2.61
2.	5998011401312	CIRCUIT CARD ASSEM	03J	L	E	G21RY	2,270.00	1,243.96	3.46
3.	5998011401321	CIRCUIT CARD ASSEM	03J	L	R	G21RY	4,712.00	2,582.18	1.07
4.	5998011401294	CIRCUIT CARD ASSEM	03J	L	C	G21RY	1,787.00	979.28	2.80
5.	5820011202932	CONTROL,MONITOR,T	03A	L		G21RF	536.00	293.73	7.30
6.	5820011714850	AMPLIFIER-FREQUENC	03A	D	E	G21RF	9,794.00	5,367.11	0.28
7.	5820010928067	POWER SUPPLY ASSE	03E	D	E	G21RB	505.00	276.74	5.34
8.	5998011401306	CIRCUIT CARD ASSEM	03J	L	C	G21RY	2,715.00	1,487.82	0.93
9.	5998011401292	CIRCUIT CARD ASSEM	03J	L		G21RY	1,138.00	623.62	2.16
10.	5998011401314	CIRCUIT CARD ASSEM	03J	L		G21RY	1,897.00	1,039.56	1.28
11.	5998011401320	CIRCUIT CARD ASSEM	03J	D	C	G21RY	2,111.00	1,156.83	1.07
12.	5998011401298	CIRCUIT CARD ASSEM	03J	L	R	G21RY	662.00	362.78	2.66
13.	5895000870061	RECEIVER SUBASSEM	03B	D	D	G21RT	571.00	312.91	3.00
14.	5998011401308	CIRCUIT CARD ASSEM	03J	L		G21RY	1,314.00	720.07	1.14
15.	5805008783539	RECEIVER-TRANSMIT	03E	L		G21RF	1,850.00	1,013.80	0.75
16.	5995012703933	CABLE ASSY RMC	03E	D		G21R4	241.00	132.07	5.14
17.	5995012649722	CABLE ASSY QUAD PA	03E	D		G21R4	140.00	76.72	8.39
18.	5998011401318	CIRCUIT CARD ASSEM	03J	L	E	G21RY	779.00	426.89	1.39
19.	5998011401301	CIRCUIT CARD ASSEM	03J	L	C	G21RY	963.00	527.72	1.10
20.	5998011401277	CIRCUIT CARD ASSEM	03J	L		G21RY	980.00	537.04	1.02
21.	5998011401293	CIRCUIT CARD ASSEM	03J	L		G21RY	971.00	532.11	0.92
22.	5820008793000	AMPLIFIER ASSY	03A	L		G21RF	239.00	130.97	3.58
23.	5998011401272	CIRCUIT CARD ASSEM	03J	L	D	G21RY	1,509.00	826.93	0.56
24.	5998011401299	CIRCUIT CARD ASSEM	03J	L		G21RY	663.00	363.32	0.96
25.	5998011401309	CIRCUIT CARD ASSEM	03J	D		G21RY	996.00	545.81	0.59
26.	5995012649720	CABLE ASSY QUAD PA	03E	D		G21R4	163.00	89.32	3.43
27.	5998011401290	CIRCUIT CARD ASSEM	03J	L	C	G21RY	977.00	535.40	0.50
28.	5998011401313	CIRCUIT CARD ASSEM	03J	L		G21RY	523.00	286.60	0.85
29.	5998011409309	CIRCUIT CARD ASSEM	03J	D	C	G21RY	1,038.00	568.82	0.40
30.	5995012400580	CABLE ASSEMBLY,SPI	03E	D		G21R4	718.00	393.46	0.31
31.	5820004978418	AMPLIFIER,INTERMED	03A	L	C	G21RF	360.00	197.28	0.61
32.	5998011401302	CIRCUIT CARD ASSEM	03J	L	C	G21RY	147.00	80.56	1.42
33.	5998011401275	CIRCUIT CARD ASSEM	03J	D	C	G21RY	568.00	311.26	0.35
34.	5998011401291	CIRCUIT CARD ASSEM	03J	D		G21RY	676.00	370.45	0.24
35.	5998011401276	CIRCUIT CARD ASSEM	03J	L	E	G21RY	1,370.00	750.76	0.10
36.	5998011401315	CIRCUIT CARD ASSEM	03J	L	E	G21RY	1,077.00	590.20	0.11
37.	5998011401279	CIRCUIT CARD ASSEM	03J	L	E	G24RY	469.00	257.01	0.23
38.	5895004570569	AMPLIFIER ASSEMBLY	03E	D	E	G21RT	349.00	191.25	0.27
39.	5820004570570	TANK CIRCUIT ASSEM	03E	D	E	G21RT	155.00	84.94	0.49
40.	5820009061115	MATCHING UNIT-BASE	03E	D		G21RT	178.00	97.54	0.40

NUMBER OF SYSTEMS	23
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

**AN/TRC-173
REPARABLES (DLRs)**

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST (W/CREDIT)
10,737	466.83	11.3478	1.52	6,253
4,304	187.13	15.0435	8.09	10,064
2,763	120.13	4.6522	2.21	5,707
2,742	119.22	12.1739	2.56	2,507
2,144	93.22	31.7391	4.46	1,310
1,503	65.35	1.2174	0.26	1,395
1,477	64.22	23.2174	1.67	462
1,383	60.13	4.0435	2.99	4,449
1,347	58.57	9.3913	1.23	767
1,331	57.87	5.5652	4.86	5,052
1,238	53.83	4.6522	1.41	1,631
965	41.96	11.5652	2.73	990
939	40.83	13.0435	1.20	375
821	35.70	4.9565	1.63	1,174
760	33.04	3.2609	0.95	963
678	29.48	22.3478	2.63	347
644	28.00	36.4783	8.88	681
593	25.78	6.0435	2.48	1,059
580	25.22	4.7826	2.82	1,488
548	23.83	4.4348	1.40	752
489	21.26	4.0000	1.38	734
469	20.39	15.5652	1.32	173
463	20.13	2.4348	0.71	587
349	15.17	4.1739	0.79	287
322	14.00	2.5652	0.32	175
306	13.30	14.9130	4.49	401
268	11.65	2.1739	0.30	161
244	10.61	3.6957	1.17	335
228	9.91	1.7391	0.48	273
122	5.30	1.3478	1.46	574
120	5.22	2.6522	0.32	63
114	4.96	6.1739	0.68	55
109	4.74	1.5217	1.27	395
89	3.87	1.0435	1.25	463
75	3.26	0.4348	1.02	766
65	2.83	0.4783	1.42	838
59	2.57	1.0000	0.25	64
52	2.26	1.1739	0.05	10
42	1.83	2.1304	0.30	25
39	1.70	1.7391	1.28	125

41,521	99.8%	COST DRIVERS
92	0.2%	OTHERS
=====		
41,613		

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

AN/TRC-173							
FY 94 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	0	1,253	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	6	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	0	0	0	0	1,811	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	47	0
TOTAL	0	0	0	0	0	3,117	0
QTY COMPLETED	0	0	0	0	0	5	0
AVG COST	0	0	0	0	0	623	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

AN/TRC-173					
FY 94 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	1	17	0	0	0.00
USAREUR	0	0			
EUSA	0	0			
USARPAC	0	0			
USARSO	0	0			
USASOC	0	0			
TRADOC	0	0	0	0	0.00
ARNG	0	0			
USAR	0	0			
TOTAL ARMY	1	17	0	0	0.00

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-173 FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR	0	0	0	0	0	31,351	31,304	9,625	3,940	1,253
MILITARY LABOR	0	0	0	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	5,086	5,902	4,202	1,031	6
TRANSPORTATION	0	0	0	0	0					
OVERHEAD	0	0	0	0	0	37,188	33,781	13,050	18,902	1,811
CONTRACT	0	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	4,338	3,398	699	0	47
TOTAL	0	0	0	0	0	77,963	74,385	27,576	23,873	3,117
QTY COMPLETED	0	0	0	0	0	103	103	32	178	5
AVG COST	0	0	0	0	0	757	722	862	134	623

The table below summarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-173 FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM	386	581	11	0	17	0	0	0	0	0
USAREUR	0	0	0	0	0					
EUSA	0	0	0	0	0					
USARPAC	0	0	0	0	0					
USARSO	0	0	0	0	0					
USASOC	0	0	0	0	0					
TRADOC	0	0	0	0	0	0	29,900	36,511	44,662	0
ARNG	0	12	2,481	0	0					
USAR	0	0	0	0	0					
TOTAL ARMY	386	593	2,492	0	17	0	29,900	36,511	44,662	0
LABOR HRS	23	35	148	0	1	0	1,235	1,621	1,859	0
COST PER HR	16.80	16.94	16.84	0.00	16.61	0.00	24.21	22.52	24.02	0.00

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

AN/TRC-173					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
6130-00-985-7899	POWER SUPPLY: PP	1,579	3,117	5	623

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

AN/TRC-173					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
NO DATA AVAILABLE					

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

AN/TRC-173 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5820-01-171-4850	AMPLIFIER-FREQUE	9,794	40,231	8	5,029
6130-00-136-7501	POWER SUPPLY	581	19,326	35	552
5820-00-879-3149	PWR SUP MOD/GRC-	1,364	9,349	15	623
5955-00-853-5957	OSCILLATOR,CRYST	32	4,273	166	26
5820-01-120-2932	CONTROL,MONITOR,	536	3,239	7	463
6130-00-985-7899	POWER SUPPLY: PP	1,579	3,117	5	623
6130-00-054-0890	POWER SUPPLY SUB	613	1,392	2	696
5820-00-884-2477	AMPLIFIER, AUDIO	68	371	4	93
5895-00-087-0061	RECEIVER SUBASSE	571	290	2	145
5820-00-853-5963	AMPLIFIER, INTER	54	16	2	8

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

AN/TRC-173 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
NO DATA AVAILABLE					

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